INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2005/001861

	ATION OF SUBJECT MATTER B01J23/74, C01B3/32, H01M8/06			
According to International Patent Classification (IPC) or to both national classification and IPC				
B. FIELDS SE	ARCHED			
	nentation searched (classification system followed by cla	essification symbols)		
Int.Cl ⁷	B01J23/74, C01B3/32, H01M8/06	·		
Documentation	searched other than minimum documentation to the exten	nt that such documents are included in the	e fields searched	
		tsuyo Shinan Toroku Koho	1996-2005	
Kokai J	itsuyo Shinan Koho 1971-2005 To:	roku Jitsuyo Shinan Koho	1994-2005	
	pase consulted during the international search (name of des (JOIS)	lata base and, where practicable, search to	erms used)	
C. DOCUMEN	NTS CONSIDERED TO BE RELEVANT			
Category*	Citation of document, with indication, where ap	propriate, of the relevant passages	Relevant to claim No.	
A	JP 2003-530207 A (CERAM RESE	ARCH LTD.),	1-9	
	14 October, 2003 (14.10.03), & WO 2001/076737 A1 & EP	1274505 A1		
	& US 2004/0074571 A1	1274303 AI		
,	TD 2002 525105 A (DAGE AC.)		1-9	
A	JP 2003-525107 A (BASF AG.), 26 August, 2003 (26.08.03),		1-9	
	,	P 1250192 A1		
	& US 2003/004059 A1			
A	JP 2003-093879 A (Ube Indust:	ries. Ltd.).	1-9	
ļ	02 April, 2003 (02.04.03),	,		
	(Family: none)			
A	JP 5-116901 A (Hideo KAMEYAM	A).	1-9	
"	14 May, 1993 (14.05.93),	, ,	_ ,	
	(Family: none)			
× Further do	ocuments are listed in the continuation of Box C.	See patent family annex.		
-	gories of cited documents:	"T" later document published after the inte		
"A" document defining the general state of the art which is not considered to be of particular relevance date and not in conflict with the application but cited to understand the principle or theory underlying the invention				
"E" earlier appli	cation or patent but published on or after the international	"X" document of particular relevance; the considered novel or cannot be considered.		
"L" document v	which may throw doubts on priority claim(s) or which is	step when the document is taken alone	•	
	ablish the publication date of another citation or other on (as specified)	"Y" document of particular relevance; the considered to involve an inventive	step when the document is	
	eferring to an oral disclosure, use, exhibition or other means	combined with one or more other such being obvious to a person skilled in the		
priority date	ublished prior to the international filing date but later than the e claimed	"&" document member of the same patent	family	
Data of the sec	llation of the intermediated court	I Date of mailing of the intermedievel and	rob rapart	
Date of the actual completion of the international search 30 May, 2005 (30.05.05)		Date of mailing of the international sea 14 June, 2005 (14.		
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Name and mailin	ng address of the ISA/	Authorized officer		
Japanese Patent Office				
Facsimile No. Telephone No.				
	10 (second sheet) (January 2004)			

INTERNATIONAL SEARCH REPORT

International application No.
PCT/JP2005/001861

	101,012	2003/001861
(Continuation). DOCUMENTS CONSIDERED TO B! RELEVANT	
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP 4-214807 A (Bayer AG.), 05 August, 1992 (05.08.92), & EP 437788 A1 & US 5090997 A1	1-9
A	JP 2-279502 A (Mitsubishi Heavy Industries, Ltd.), 15 November, 1990 (15.11.90), (Family: none)	1-9
A	JP 2-141402 A (Mitsubishi Heavy Industries, Ltd.), 30 May, 1990 (30.05.90), (Family: none)	1-9
A	JP 63-209753 A (Director General, Agency of Industrial Science and Technology), 31 August, 1988 (31.08.88), (Family: none)	1-9
P,A	JP 2004-57963 A (Ube Industries, Ltd.), 26 February, 2004 (26.02.04), (Family: none)	1-9
P,X	KYO A et al., "Ni ₃ Al Kinzokukan Kagobutsu no Shokubai Kassei", The Japan Institute of Metals Koen Gaiyo", 30 March, 2004 (30.03.04), page 413	1-3,7,8
P,X	KYO A et al., "Methanol kara Suiso Seizo Hanno ni Taisuru Ni₃Al Kinzokukan Kagobutsu no Shokubai Kino", Dai 94 Kai Shokubai Toronkai Toronkai A Yokoshu, 27 September, 2004 (27.09. 04), page 393	1-3,7,8
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